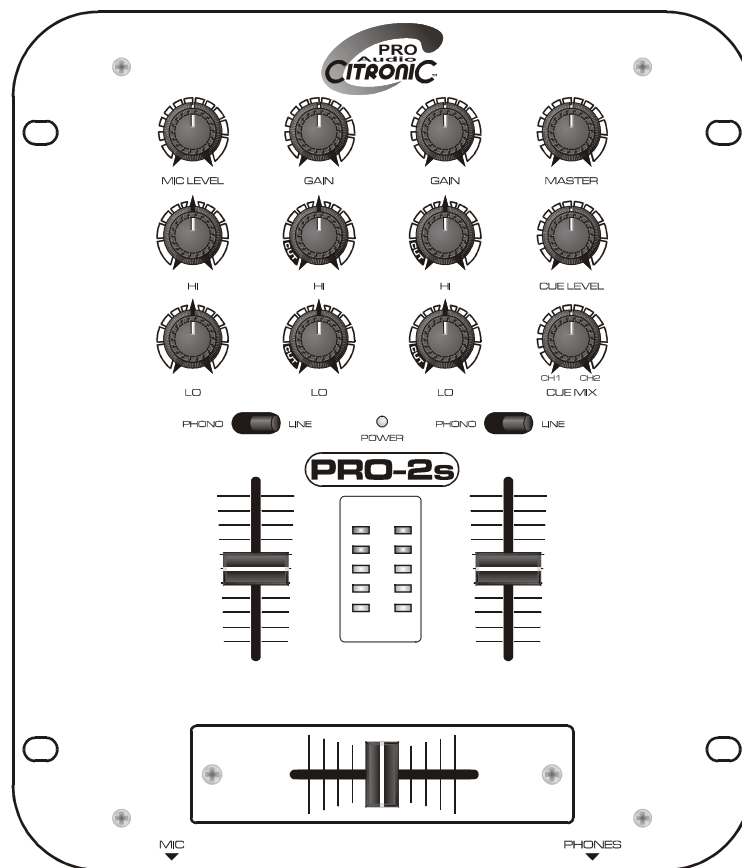

CITRONICTM

PRO-2s

PROFESSIONAL DJ MIXER



OWNERS MANUAL

Table Of Contents	Weight.....8
ABOUT CITRONIC3	Input Sensitivity8
WARNING3	Output Level8
Important Safety Information.....4	Max. Output8
Warnings:4	Frequency Response8
Cautionary Notes:4	Total Harmonic Distortion8
Your Serial Number.....4	Equaliser.....8
Illustration5	Your Guarantee of Satisfaction..... 9
PRO-2s Front & Rear Panel5	Notes: 9
Features & Functions 6	
1. Microphone Gain Control.....6	
2. Microphone EQ Control Hi6	
3. Channel EQ Control Hi6	
4. Microphone EQ Control Lo6	
5. Channel EQ Control Lo6	
6. Power On Indicator.....6	
7. Input Fader6	
8. Crossfader6	
9. Microphone Input6	
10. Headphone Input6	
11. Monitor6	
12. Input Selector Switch.....6	
13. Cue Control.....6	
14. Cue Level6	
15. Master.....6	
16. Channel Gain6	
17. Power Switch6	
18. Power Connector.....6	
19. Stereo Main Outputs7	
20. Line Inputs7	
21. Phono Inputs7	
22. Ground7	
Technical Specification..... 8	
Power Source8	
Dimensions.....8	
Cut Out.....8	

ABOUT CITRONIC

Thank you for choosing Citronic and the PRO-2s Professional DJ Mixer. You have joined a discerning group of DJ's and operators who value design integrity, quality and state of the art facilities.

Established in Melksham, Wiltshire in 1972, Citronic occupies prestigious purpose built factory headquarters. The award winning product range covers professional audio mixers, amplifiers and signal processing.

Each unit is manufactured to the highest possible standards and all have an enviable reputation for reliability and value for money – the noted hallmark of Citronic products.

Substantial investment has been made in high technology CAD systems, manufacturing control and testing techniques. This sophisticated computerisation coupled with an extensive research and development program, enables the company to offer an exceptional degree of manufacturing excellence and quality assurance.

Citronic has always listened carefully to the customer and places tremendous emphasis on market research. This ensures that the exacting requirements of the DJ are complimented without compromise, throughout the entire product range. This unique approach, coupled with a strong input from a highly qualified engineering team, ensures that Citronic maintains its position as a respected leader, in the industry's development.

Citronic has a distribution network throughout Europe, Asia and the Americas.

Enjoy your new purchase.

WARNING

In order to obtain the best service from the unit we **STRONGLY** recommend that you read this manual before you apply any power.

Important Safety Information

Warnings:

All the safety and operating instructions should be read before the appliance is operated.

To prevent fire or shock hazard, do not expose this appliance to rain or moisture.

To reduce the risk of electric shock, do not remove the cover (or back). There are no serviceable parts inside. Always refer servicing to qualified service personnel.

Cautionary Notes:

Handle the power supply cord carefully. Do not damage or deform the power supply cord. If it is damaged or deformed, it may cause electric shock or malfunction when used. When removing from wall outlet, be sure to remove by holding the plug attachment and not by pulling the cord.

In order to prevent electric shock; do not open the top cover. If a problem occurs, contact your dealer.

Do not place metal objects or spill liquid inside the mixer. Electric shock or malfunction may result.

Any use of the controls, or any adjustment, or the performance of any procedure other than those specified herein may result in serious damage to your health.

The mixer should not be opened or repaired by anyone except properly qualified service personnel.

Double insulated - when servicing, use only identical replacement parts.

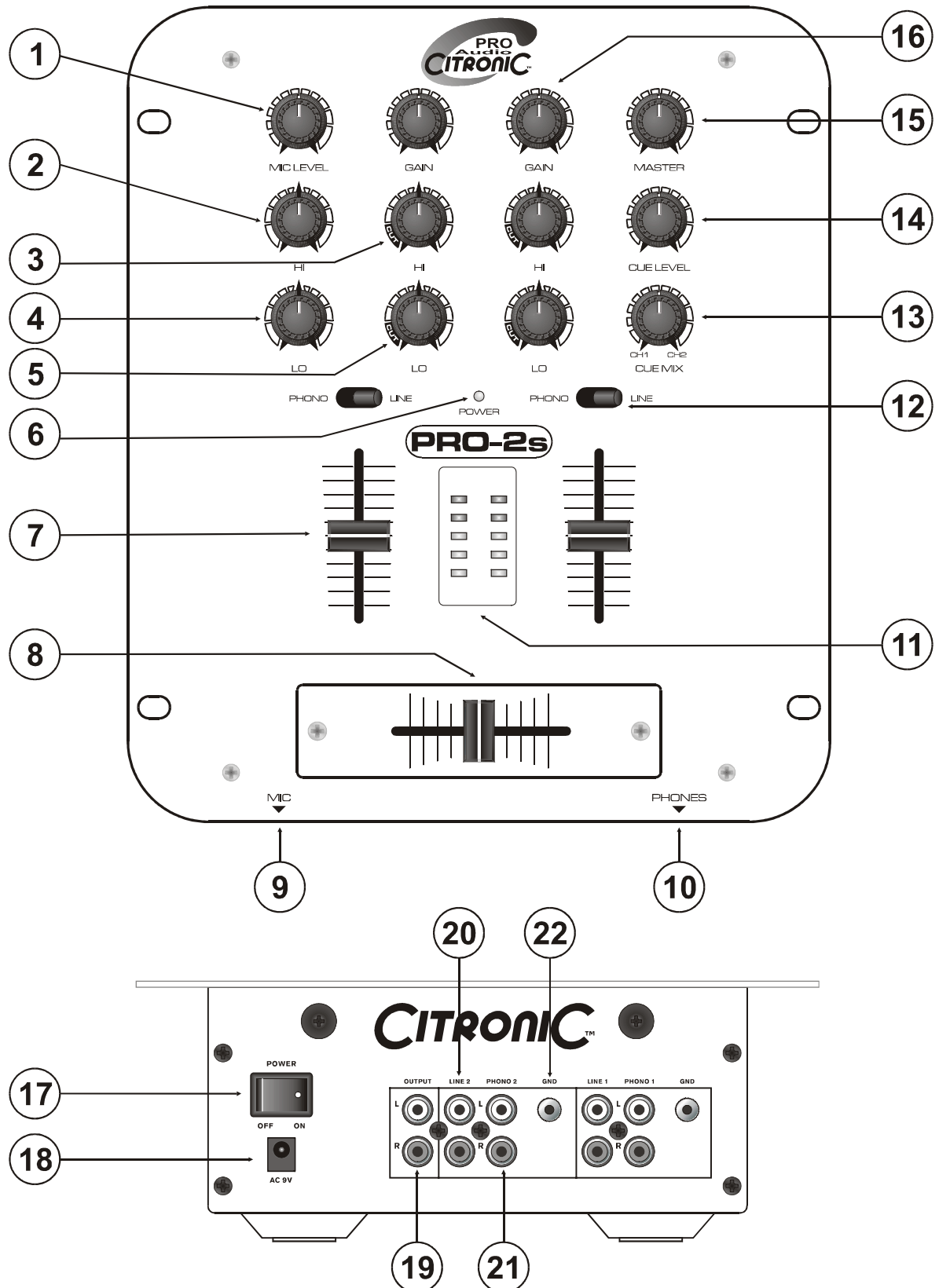
Your Serial Number

Please, record and retain serial number of your PRO-2s shown on the rating label.

My Serial Number Is:

Illustration

PRO-2s Front & Rear Panel



Features & Functions

- 1. Microphone Gain Control**
Adjusts the input level gain of the Microphone.
- 2. Microphone EQ Control Hi**
This Controls the Hi Frequency Levels on the Microphone Channel.
- 3. Channel EQ Control Hi**
This control allows -26dB of cut or +9dB boost to the high frequencies.
- 4. Microphone EQ Control Lo**
This controls the low Frequency Levels on the Microphone Channel.
- 5. Channel EQ Control Lo**
This control allows -26dB of cut or +9dB boost to the low frequencies.
- 6. Power On Indicator**
This LED indicates that the mixer has power connected.
- 7. Input Fader**
This easy-glide fader controls the source level of the channel to the output.
- 8. Crossfader**
A super fast action dipless crossfader between the input channels. The dipless action means that the signal only changes on level after the mid-way point. The crossfader is easily and quickly replaced by removing the 2 outer screws on the crossfader panel and unplugging attached ribbon connector.
- 9. Microphone Input**
¼ " Jack Microphone input socket.
- 10. Headphone Input**
¼ " Jack Headphone input socket.
- 11. Monitor**
This LED Monitor indicates the level of output signal from the mixer.
- 12. Input Selector Switch**
Use this switch to toggle between phono input and line input. Do not plug anything but turntables into the phono output.
- 13. Cue Control**
This controls which channel is audible in the headphones. You can choose to listen to each channel separately or a mix of each channel allowing you to mix in your headphones.
- 14. Cue Level**
This controls the level of volume in your headphones.
- 15. Master**
This controls the output level to your amplifier.
- 16. Channel Gain**
This controls the amount of gain on each channel.
- 17. Power Switch**
Turns power to the unit on and off.
- 18. Power Connector**
Plug in power adapter here and check voltage level to match your country's standard.

19. Stereo Main Outputs

Unbalanced RCA connectors controlled by the master fader.

20. Line Inputs

Unbalanced RCA jacks for connecting to stereo audio from line level sources such as a CD-Player or Mini-Disc.

21. Phono Inputs

Use these connections for turntables only. When these connectors are used the signal is fed directly to the high quality RIAA phono pre-amplifiers. Connecting a line level source will overload the sensitive phono pre-amps and cause distortion.

22. Ground

This is for turntable connection. Always use this connection when using turntables with a ground cable to remove earth hum.

Technical Specification

Power Source

AC 9V, 1000mA

Dimensions

228 (W) x 265 (D) x 87 (H) mm

Cut Out

182 (W) x 252 (D) mm

Weight

2.8Kgs

Input Sensitivity

Line: -14dB/47K OHM ± 3 dB

Phono: -50dB/47K OHM ± 3 dB

Mic: -54dB/6K OHM ± 3 dB

Output Level

Master (RCA) 0dB/47K OHM ± 3 dB

Phones (Load=32 OHM) -3dB/33 OHM ± 3 dB

Max. Output

(Load=47K, THD=5%)

Master (RCA) >18dB (8V)

Phones (LOAD=32 OHM) >5dB (1.8V)

Frequency Response

Line 20-20KHz ± 3 dB

Phono 20-20KHz +2, -3dB (RIAA)

Mic 50-20KHz +2, -3dB

Output Noise (IEC-A Weighted)

Line (Input Load 1K) > -75dB

Phono (Input Load 1K) > -65dB

Mic (Input Load 600 Ω) > -55dB

Total Harmonic Distortion

Master Output (Load=47K OHM) > 0.2%

Phones Out (Load=32 OHM) > 0.3%

Equaliser

Line:

Lo +9/-23dB +2/-3dB @ 100Hz

Hi +9/-23dB +2/-3dB @ 10KHz

Mic:

Lo +10/-10dB +2/-3dB @ 100Hz

Hi +10/-10dB +2/-3dB @ 10KHz

Your Guarantee of Satisfaction

This product is guaranteed to the original purchaser against defects in material and workmanship for one year from the date of initial purchase. Activate this guarantee at the time of purchase by returning the Guarantee Card to the address below. Keep a copy of your sales receipt for proof of guarantee status, should it be necessary.

The crossfader itself is a replaceable part and is only guaranteed against defective workmanship. The slider selected for the crossfader function has been chosen for its excellent mechanical properties. In a discotheque application the extensive use of this facility means that the number of operations in a twelve-month period can exceed the manufactures electrical specification.

If a malfunction occurs, the dealer who supplied the unit will be happy to handle the repair. When returning a unit, use the original factory carton - do not chance inadequate packing materials. Simply tape a note to the unit describing the malfunction.

If your unit is out of guarantee, we recommend that you return it to an authorised Citronic dealer for repair or service. Experienced personnel, supported by specialist testing equipment, will be able to find and correct the fault in the most efficient and cost-effective way.

If you have need to contact us about the operation or servicing of your PRO-2s please write, telephone or e-mail to the address on the back page:-

Notes:

Citronic Limited
Halifax Road
Bowerhill
Melksham
Wiltshire
England
SN12 6UB
Tel: +44 (0)1225 705600
Fax: +44 (0)1225 709639
Email: sales@citronic.com
Web: www.citronic.com